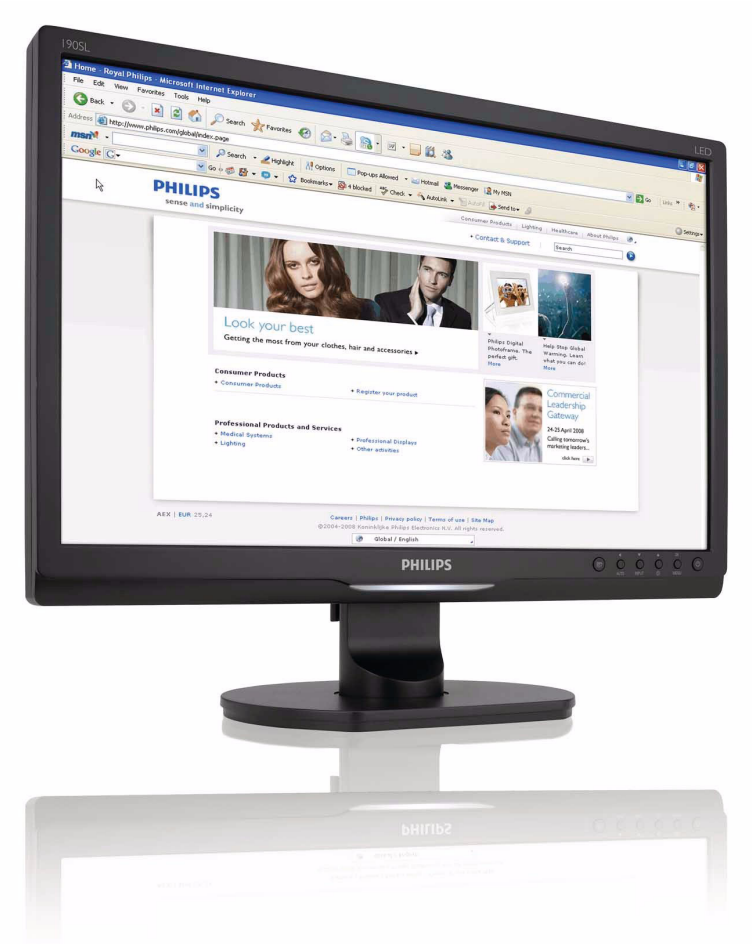


Philips Brilliance
LCD monitor, LED
backlight with SmartImage

S-line

19" / 48.3 cm Format 16:10

Brilliance

190SL1SB

Feature packed display for increased productivity

With features like SmartImage, SmartContrast, SmartControl and TrueVision, the energy efficient 190SL1 business display increases your productivity

Sustainable Eco-friendly solution

- Energy Star for energy efficiency and low power consumption
- Eco-friendly materials that meets international standards
- EPEAT Silver ensures lower impact on environment
- Mercury Free eco-friendly display

Outstanding display performance

- LED technology ensures natural colors
- SmartImage: Optimized user friendly display experience
- SmartContrast: For incredible rich black details
- TrueVision: Laboratory quality display performance

Great convenience

- Screen tilts to your ideal, individualized viewing angle
- Easy display performance tuning with SmartControl Premium
- Cable management for a tidy work space

PHILIPS

sense and simplicity

LCD monitor, LED backlight with SmartImage
S-line 19" / 48.3 cm Format 16:10

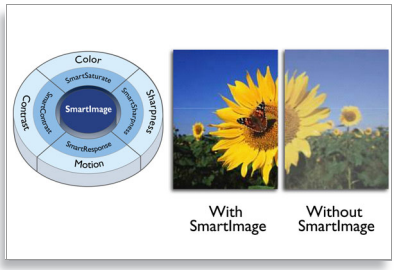
190SL1SB/93

Highlights

LED technology

White LED's are solid state devices which light up to full, consistent brightness faster saving startup time. LED's are free from mercury content which allows for eco-friendly recycling and disposal process. LED's allow for better dimming control of LCD backlight, resulting in super high contrast ratio. It also gives superior color reproduction thanks to consistent brightness across the screen.

SmartImage



SmartImage is an exclusive leading edge Philips technology that analyzes the content displayed on your screen and gives you optimized display performance. This user friendly interface allows you to select various modes like Office, Image, Entertainment, Economy etc., to fit the application in use. Based on the selection, SmartImage dynamically optimizes the contrast, color saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time with the press of a single button!

SmartControl Premium

SmartControl Lite is the next generation 3D icon based GUI monitor control software. This allows user to fine-tune a wide amount of parameters of the monitor like PowerSensor, Expanded ECO mode, Laptop support with dual monitor plug in, Multi-media, DisplayPort support, Color, Brightness, screen calibration, audio, etc with the mouse. it even gives out detailed ID description of the monitor for inventory management.

SmartContrast

SmartContrast is a Philips technology that analyzes the contents you are displaying, automatically adjusting colors and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

TrueVision

TrueVision is industry-leading, proprietary Philips testing and algorithm technology for monitor adjustment and fine tuning, an extensive process that ensures ultimate display performance in compliance with a standard four-times more stringent than Microsoft's Vista requirements from each and every monitor that leaves the factory - not just a few review samples. Only Philips goes to these lengths to deliver this exacting level of color accuracy and display quality in every new monitor.

Adjustable tilt

Adjustable tilt is backward and forward movement of a screen on its base to achieve custom positioning for an ideal viewing angle and more comfort for people who spend long hours working on the computer.

Cable management

Cable management is a system that maintains tidy workspace by organizing cables and wires required for the operation of a display device.

EPEAT Silver

Philips EPEAT Silver certified monitors ensure protection for human health and environment, and are highly energy efficient ensuring low emissions of climate changing green house gases. EPEAT program helps purchasers evaluate, compare and select Monitors based on 51 environmental criteria supported by US EPA. EPEAT Silver is valid only where Philips registers the product. Please visit www.epeat.net for registration status in your country.

Eco-friendly materials

"Philips is committed to use sustainable, eco-friendly materials across its monitor range. All body plastic parts, metal chassis parts and packing materials use 100% recyclable materials. In some selected models we utilize upto 65% post consumer recycled plastics. Strict adherence to RoHS standards ensure substantial reduction or elimination of toxic substances like Lead, for example. Mercury content in monitors with CCFL backlight has been reduced significantly, while eliminated in monitors with LED backlight completely. Visit Philips @ http://www.asimpleswitch.com/global/ to learn more.

Energy Star 5.0

Energy Star is a US EPA sponsored energy efficiency program also adopted by many other countries. Energy Star certification ensures that you are buying a product which meets the latest power efficiency standards which operates with maximum power efficiency at all operational levels. New Philips monitors are certified for Energy Star 5.0 specifications and meet or exceed the standard. For example, in sleep mode Energy Star 5.0 requires less than 1watt power consumption, whereas Philips monitors consume less than 0.5watts. Further details can be obtained from www.energystar.gov

LCD monitor, LED backlight with SmartImage
S-line 19" / 48.3 cm Format 16:10

190SL1SB/93

Specifications

Picture/Display
- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Panel Size: 19 inch / 48.3 cm
- Effective viewing area: 408.24 (H) x 255.15 (V)
- Aspect ratio: 16:10
- Optimum resolution: 1440x900 @ 60Hz
- Response time (typical): 5 ms
- Brightness: 250 cd/m²
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Pixel pitch: 0.283 x 0.283 mm
- Viewing angle: 170° (H) / 160° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Display colors: 16.7 M
- Scanning Frequency: 30 -83 kHz (H) / 56 -75 Hz (V)
- sRGB

Connectivity
- Signal Input: DVI-D (digital, HDCP), VGA (Analog)
- Sync Input: Separate Sync, Sync on Green

Convenience
- User convenience: SmartImage, Auto, Brightness, Input, Menu, Power On/Off
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish
- Other convenience: VESA mount (100x100mm), Kensington lock
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7/Vista/XP

Stand
- Tilt: -5/20 degree

Power
- ECO mode: 7.7 W (typ.)
- On mode: 11.4 W (EnergyStar 5.0 test method)
- Standby mode: 0.3 W (typ.)
- Off mode: 0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: Built-in, 100-240VAC, 50-60Hz

Dimensions
- Product with stand (mm): 436 x 372 x 183 mm
- Product without stand (mm): 436 x 305 x 68 mm
- Packaging in mm (WxHxD): 488 x 420 x 141 mm

Weight
- Product with stand (kg): 3.31 kg
- Product without stand (kg): 3.04 kg
- Product with packaging (kg): 4.95 kg

Operating conditions
- Temperature range (operation): 0°C to 40°C °C
- Temperature Range (storage): -20°C to 60°C °C
- Relative humidity: 20%-80 %
- MTBF: 30,000 hour(s)

Sustainability
- Environmental and energy: EPEAT Silver, RoHS, EnergyStar 5.0, Lead-free, Mercury Free
- Recyclable packaging material: 100 %

Compliance and standards
- Regulatory Approvals: BSMI, CCC, CE Mark, FCC Class B, GOST, SEMKO, TCO 5.2, TUV/GS, TUV Ergo, UL/cUL, WEEE

Cabinet
- Color: Black/Black
- Finish: Texture

Issue date 2012-08-31
Version: 2.0.1
12 NC: 8670 000 93974
EAN: 69 51613 90246 2

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